

Severe Winter Weather Warning and Preparedness 2014

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Governor's Final Task Force Report Submitted April 3, 2014

- List of specific action items, many of which were deployed in the wake of the Jan 28th event
- Increase efficiency and coordination with NWS, Board of Education, commercial trucking
- Improve weather forecasting and dissemination of relevant information
- Establish set protocols for planning and preparing

Highlights/Action Items (non GDOT)

- Mobile Phone Wireless Emergency Alert System
- Winter Weather emails to School Superintendents
- 35 Rapid Response Strike Teams
- Explore Statewide Mesonet system of weather data stations for enhanced forecasting
- Cross agency training to include utilities and trucking companies

Specific Actions Items for GDOT

- Supported Snow and Ice Plan Enhancements developed by GDOT
- Appropriated \$14.5M in General Obligation Bonds in the FY 15 Budget for items in the plan
 - To provide essential treatment, supply and storage needs; ITS monitoring and other enhancements

GDOT Snow and Ice Plan Enhanced Recommendations

- Maintenance Equipment and Other Resources
- Intelligent Transportation Systems (ITS) Monitoring and Incident Response
- Geographic Information Systems (GIS) and Tracking System
- Process Efficiency and Staging
- Inter-Agency Public Safety and Emergency Coordination
- External/Joint Agency Communications

Maintenance Equipment and Other Resources

- Increase Brine Treatment Capacity and Snow/Ice Removal Capacity
 - Includes adding brine production, storage and spreading units
 - Additional salt barns along highways
 - Bulk salt storage shed
 - Equipment: Dump trucks and plows

Intelligent Transportation Systems (ITS) Monitoring and Incident Response

- Construct full NaviGator system on I-20 west out to Villa Rica
- Deploy cameras at interchanges statewide
- Upgrade defunct CMS signs outside of metro Atlanta
- Road Weather Information System (stations to monitor pavement temperatures and salinity)

Intelligent Transportation Systems (ITS) Monitoring and Incident Response

- Enhanced 511 capacity
- Towing strategies during Emergency Situations
 - TRIP (incentive towing for tractor trailer loads)

Geographic Information Systems (GIS) and Tracking System

- Track maintenance vehicles during roadway treatment
- Enhance WebEOC application for tracking maintenance incidents (trees down, icy patches, impassable roads)
 - Integrate with 511 system for tracking incidents

Process Efficiency and Staging

- Expand use of winter weather contracts
 - Agricultural contractors
 - Chain saw crews, other equipment
- Enhance Annual District Snow/Ice dry runs:
 - Include HEROs and GSP escort
 - Include contractors
 - Enhanced staging of critical materials and equipment where needed
 - Include all Districts in Metro District dry run

Inter-Agency Public Safety and Emergency Coordination

- Work with Department of Public Safety on motor carrier issues (implementation of chains, adequate truck pull-offs)
- Establish procedures for light towing program in emergency situations
- Contra-flow procedures for emergency vehicles during emergency events (when typical procedures cannot be followed)

External/Joint Agency Communications

- Form a Joint Information Center (JIC) Plan at the State Emergency Operations Center
- The JIC will establish unified messaging coordination among all agencies
 - Web
 - Mobile apps
 - Media requests

FY 15 Bond Budget for Improvements

Brine Production Equipment	\$785,000
Salt storage	\$750,000
Snow/Ice Tow Plows	\$1,000,000
NaviGAtor ITS I-20	\$6,000,000
Statewide ITS Cameras and Metro RWIS	\$5,500,000
Total Bond Package	\$14,035,000

Additional Planned Improvements (non-bond)

Changeable Message Sign Replacement	\$1,920,000
511 Capacity	\$60,000
Towing Program during Emergencies	\$60,000
Dump Trucks and Flatbeds (replace)	\$11,350,000
Equipment Tracking System	\$13,500
WebEOC application Enhancements	\$15,000
Total Other Proposed Enhancements	\$13,418,500

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